

**FIG. 1**

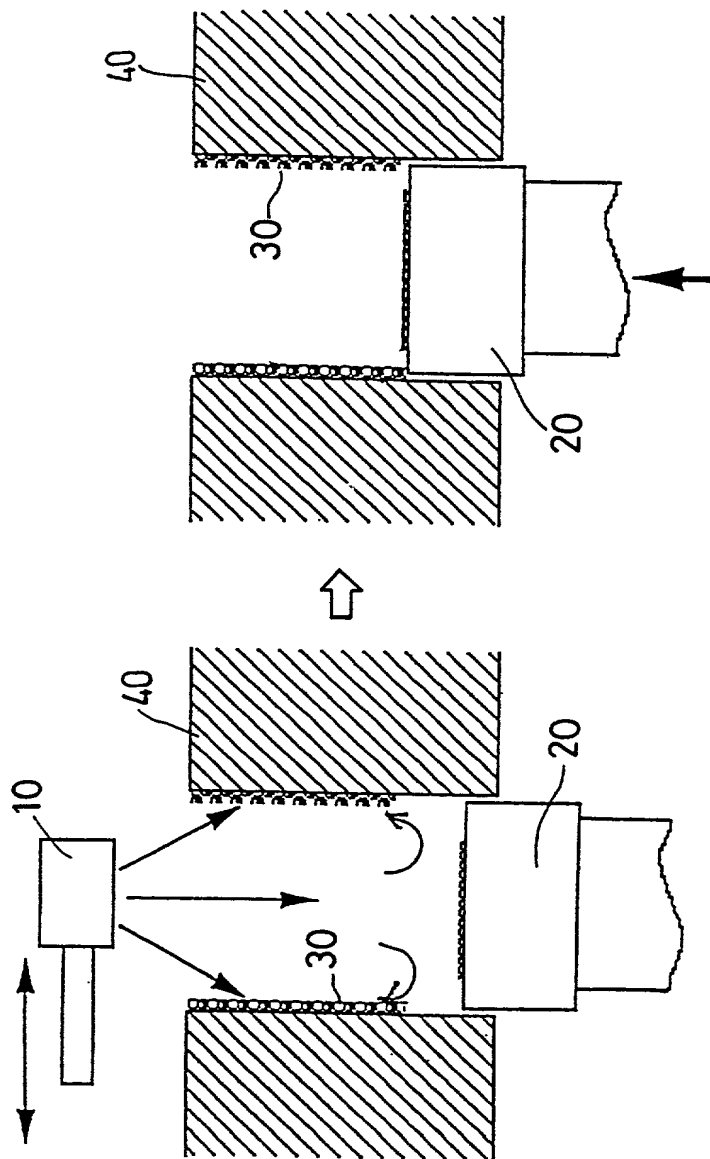


FIG. 2

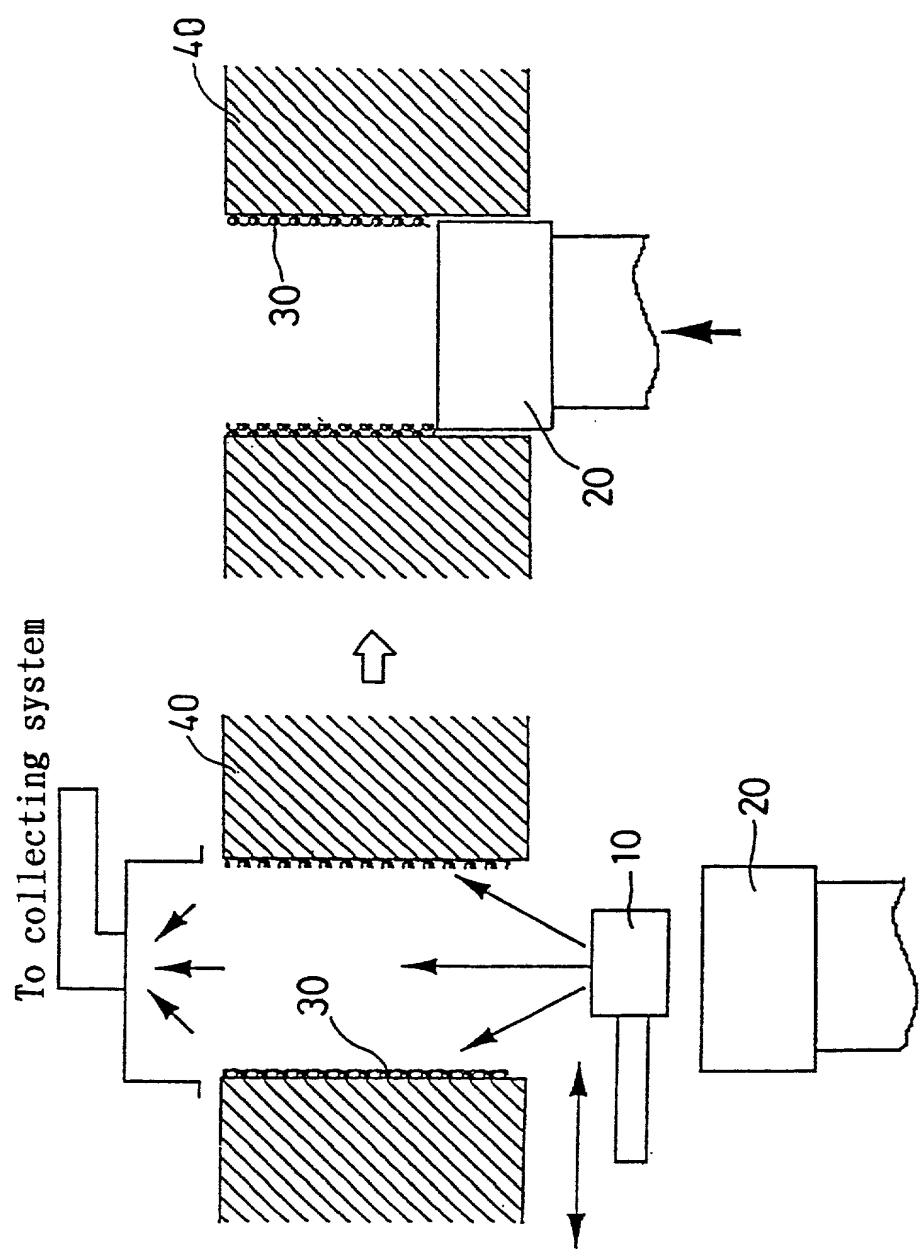




FIG. 4

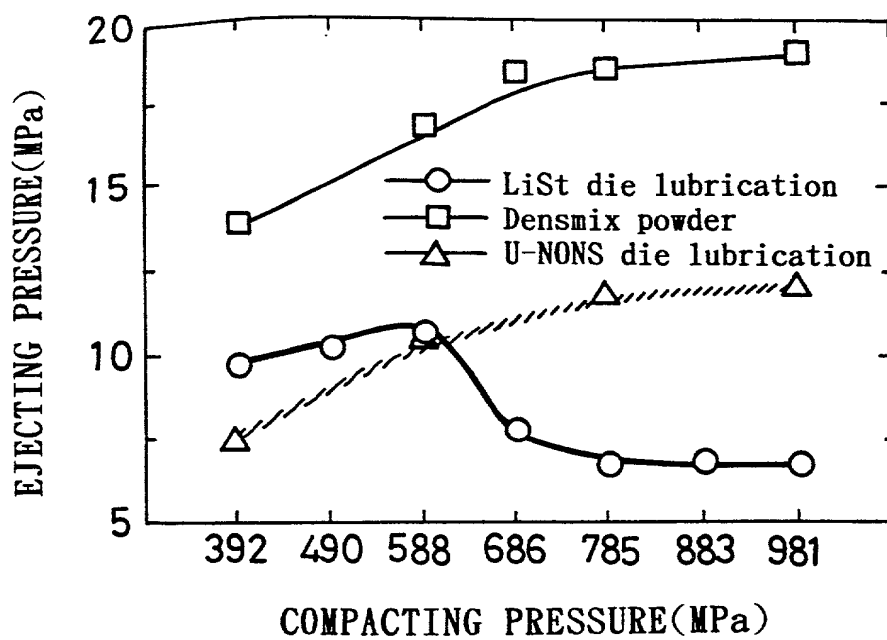


FIG. 5

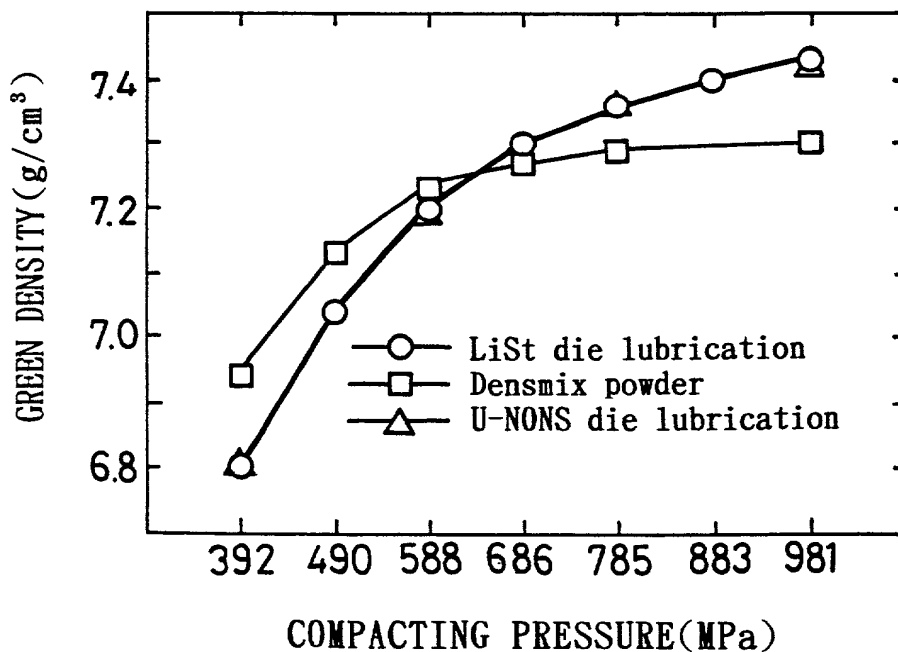
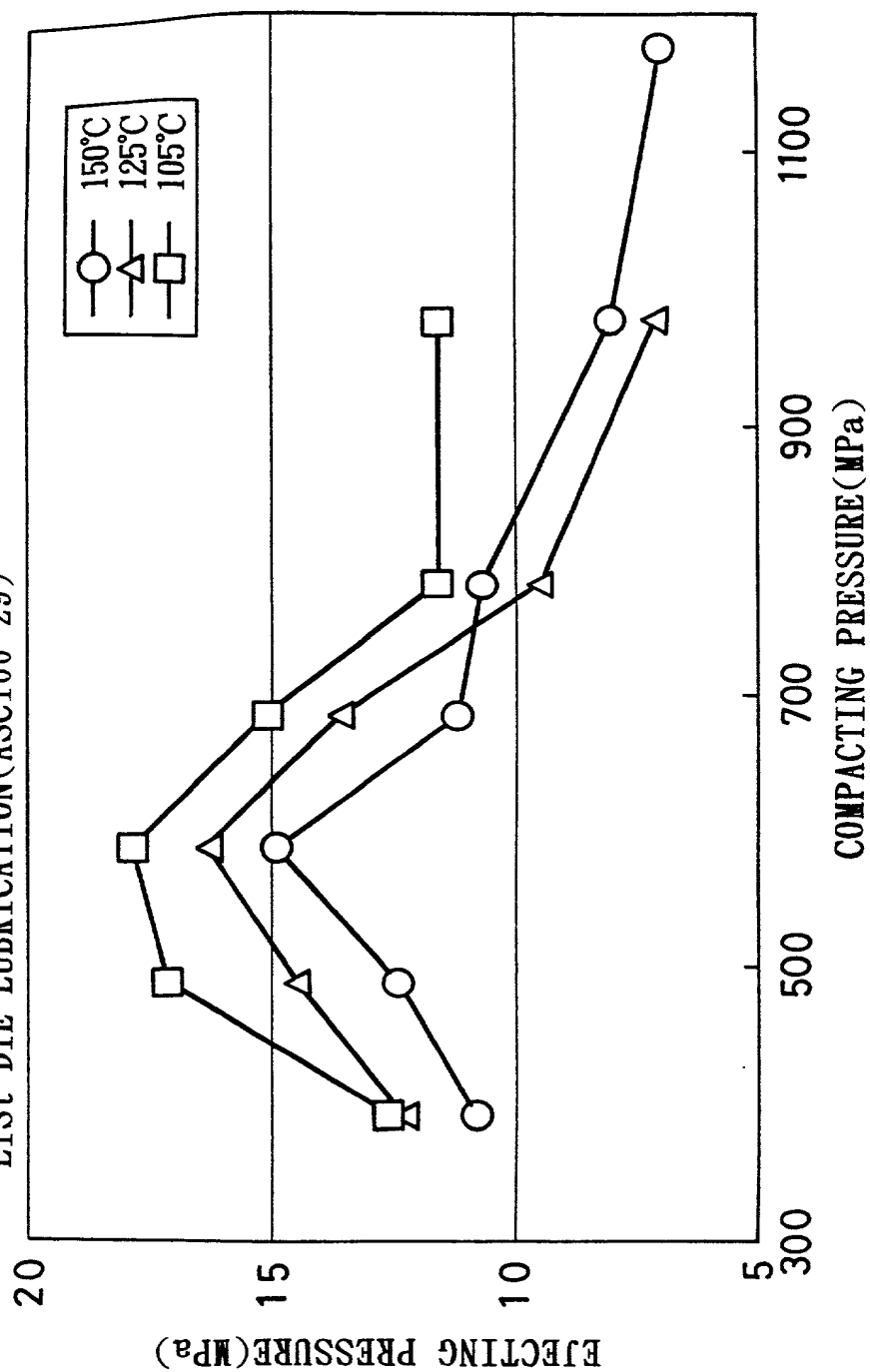


FIG. 6

LiSt DIE LUBRICATION(ASC100-29)



# FIG. 7

LiSt DIE LUBRICATION(ASC100-29)

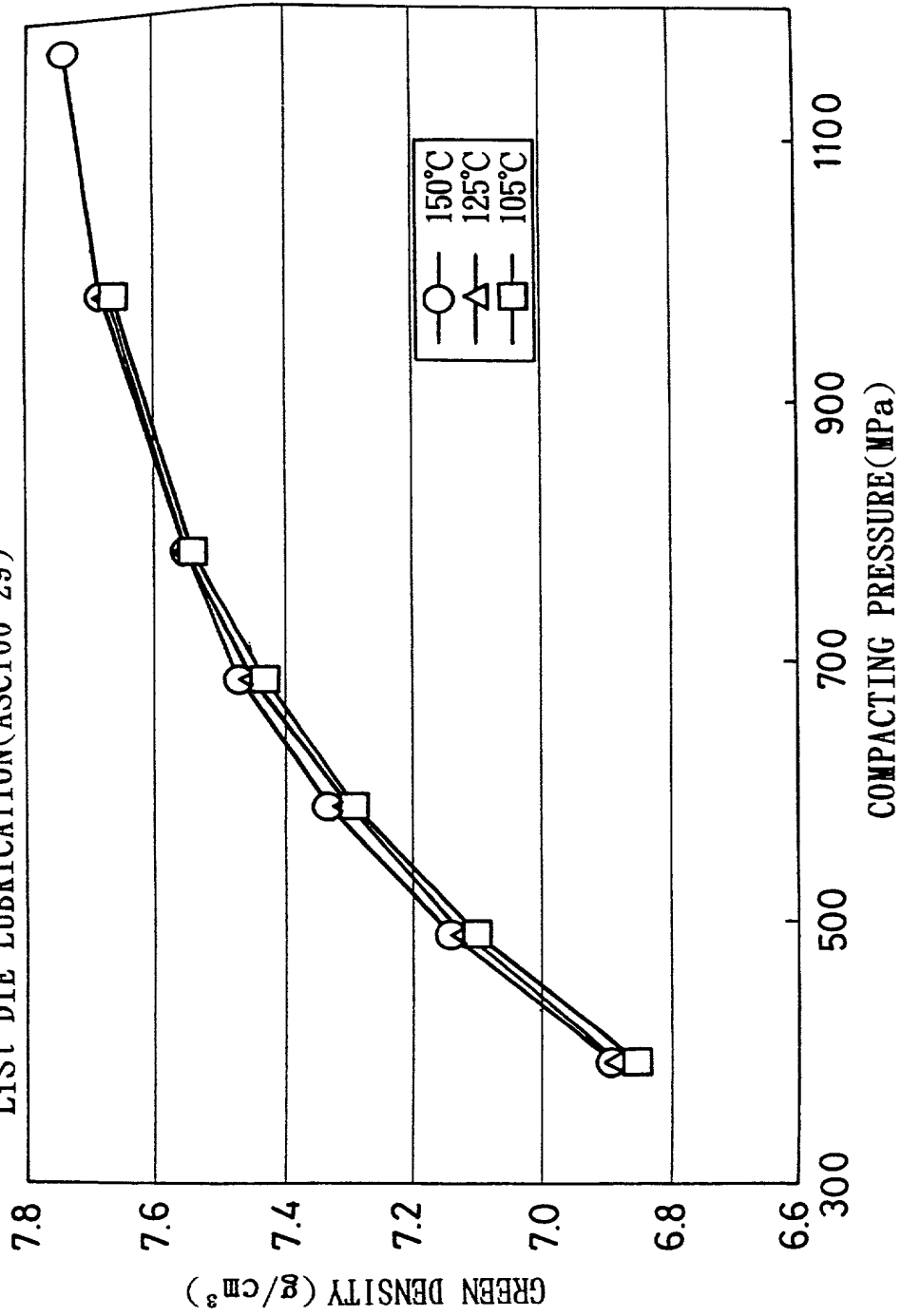


Figure 8 shows the effect of compaction temperature on the compressive strength of the samples. The samples were compacted at 300, 500, 700, 900, and 1100 MPa. The compressive strength was measured at 100°C. The results show that the compressive strength increases with increasing compaction temperature. The samples compacted at 1100 MPa show the highest compressive strength, followed by 900 MPa, 700 MPa, 500 MPa, and 300 MPa.

FIG. 8

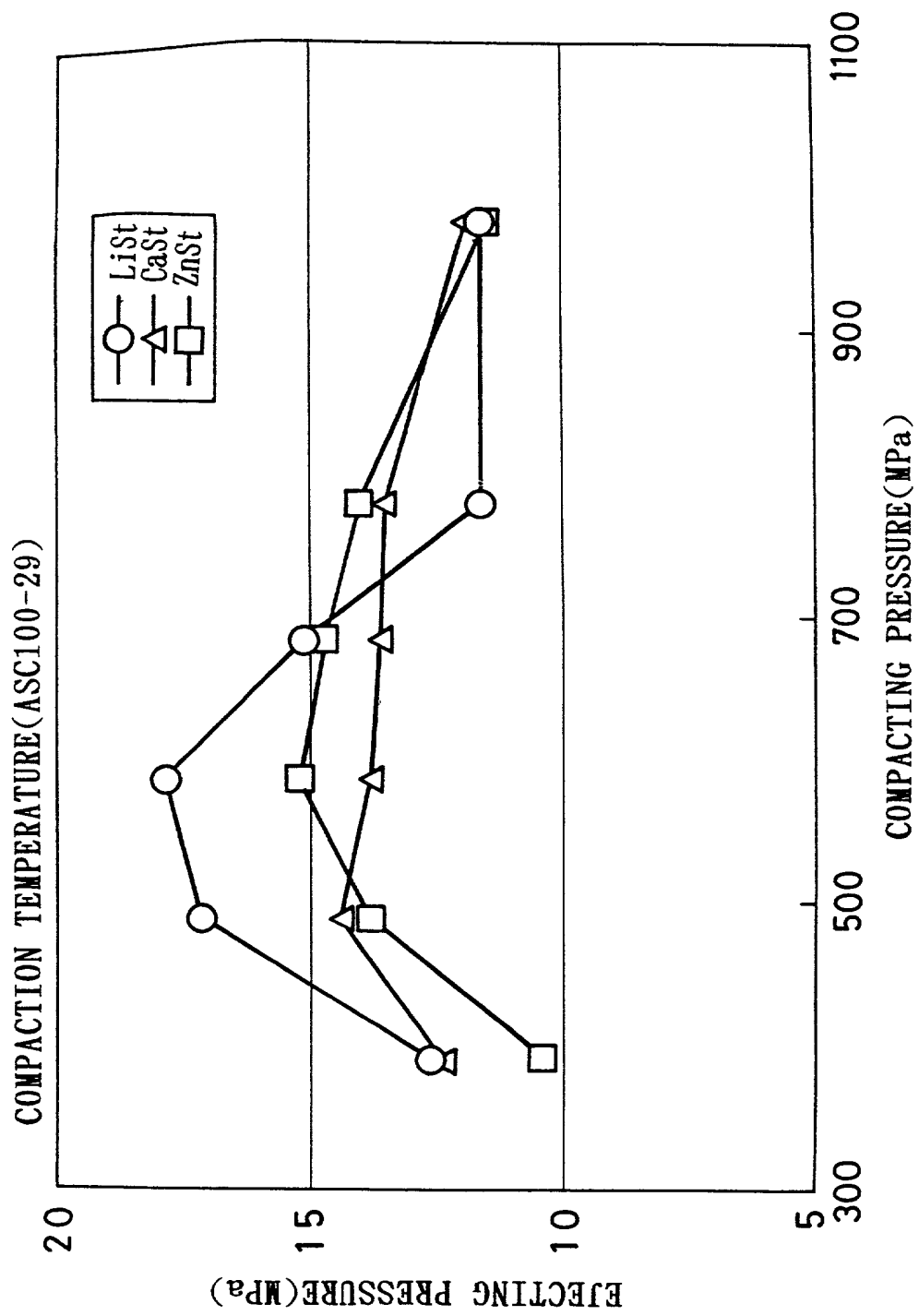


Figure 9 shows the green density of ZnO as a function of compaction pressure and temperature. The data points are shown for ZnO, ZnSt, CaSt, and LiSt. The green density increases with both compaction pressure and temperature.

FIG. 9

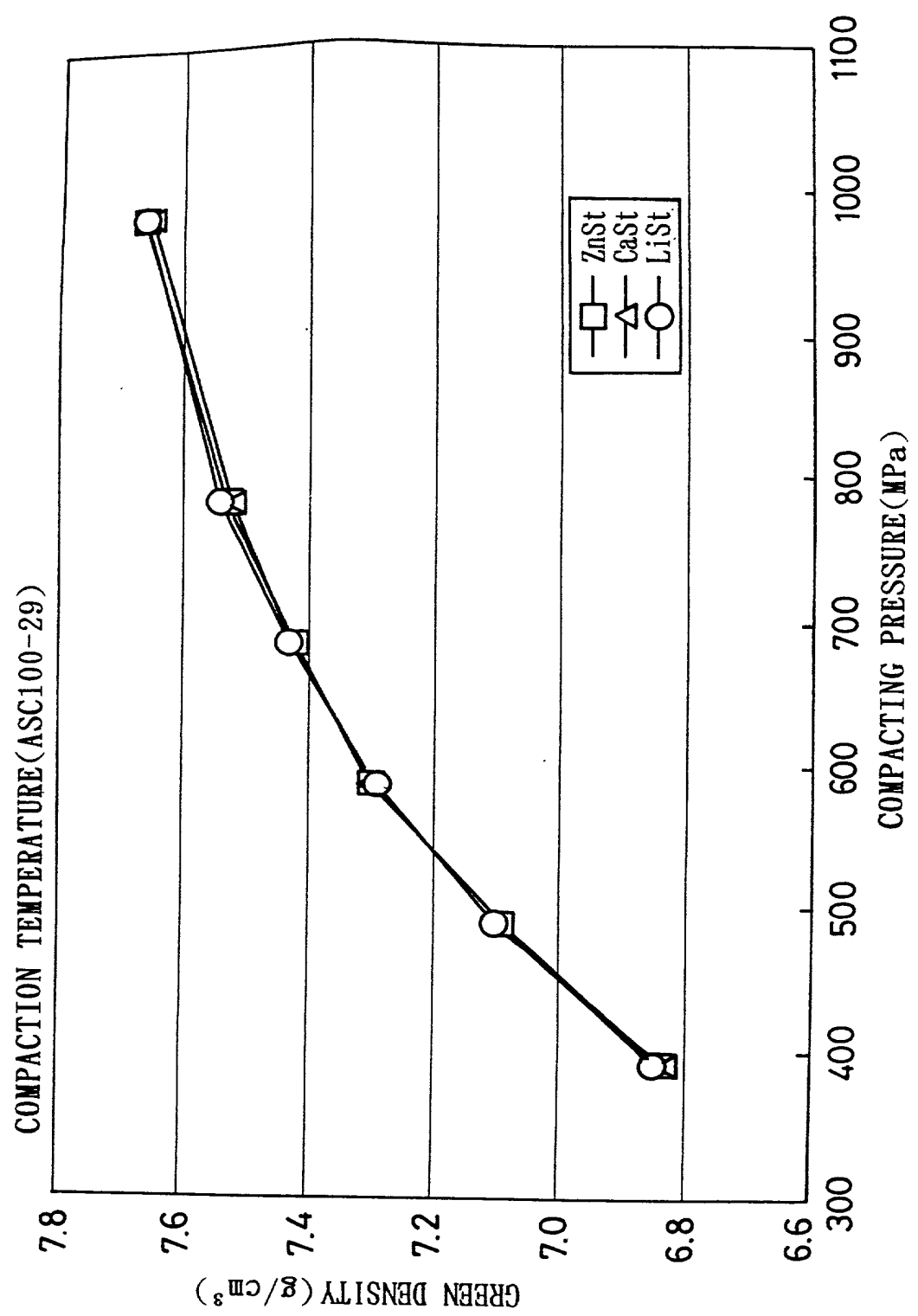




FIG. 10

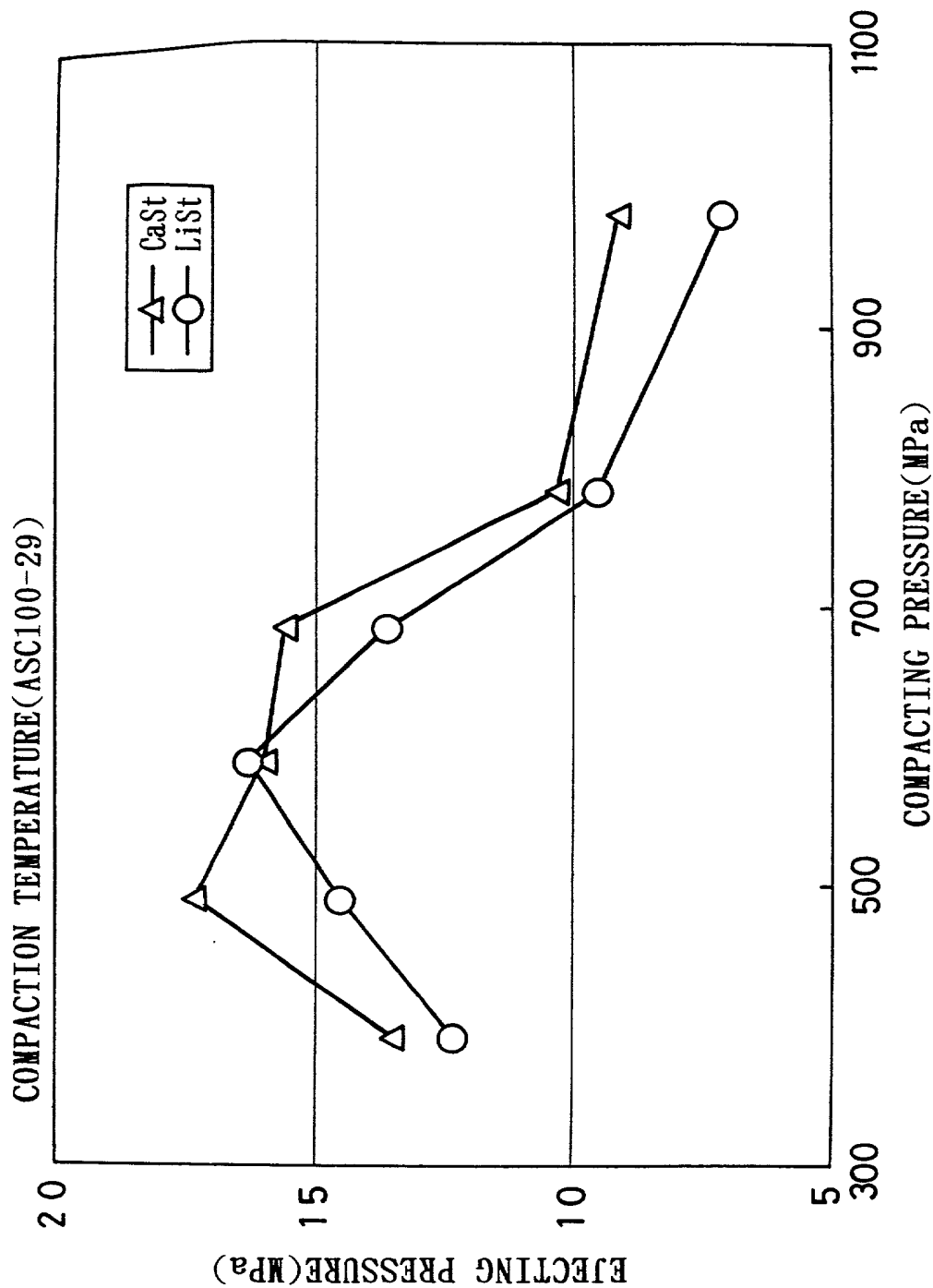
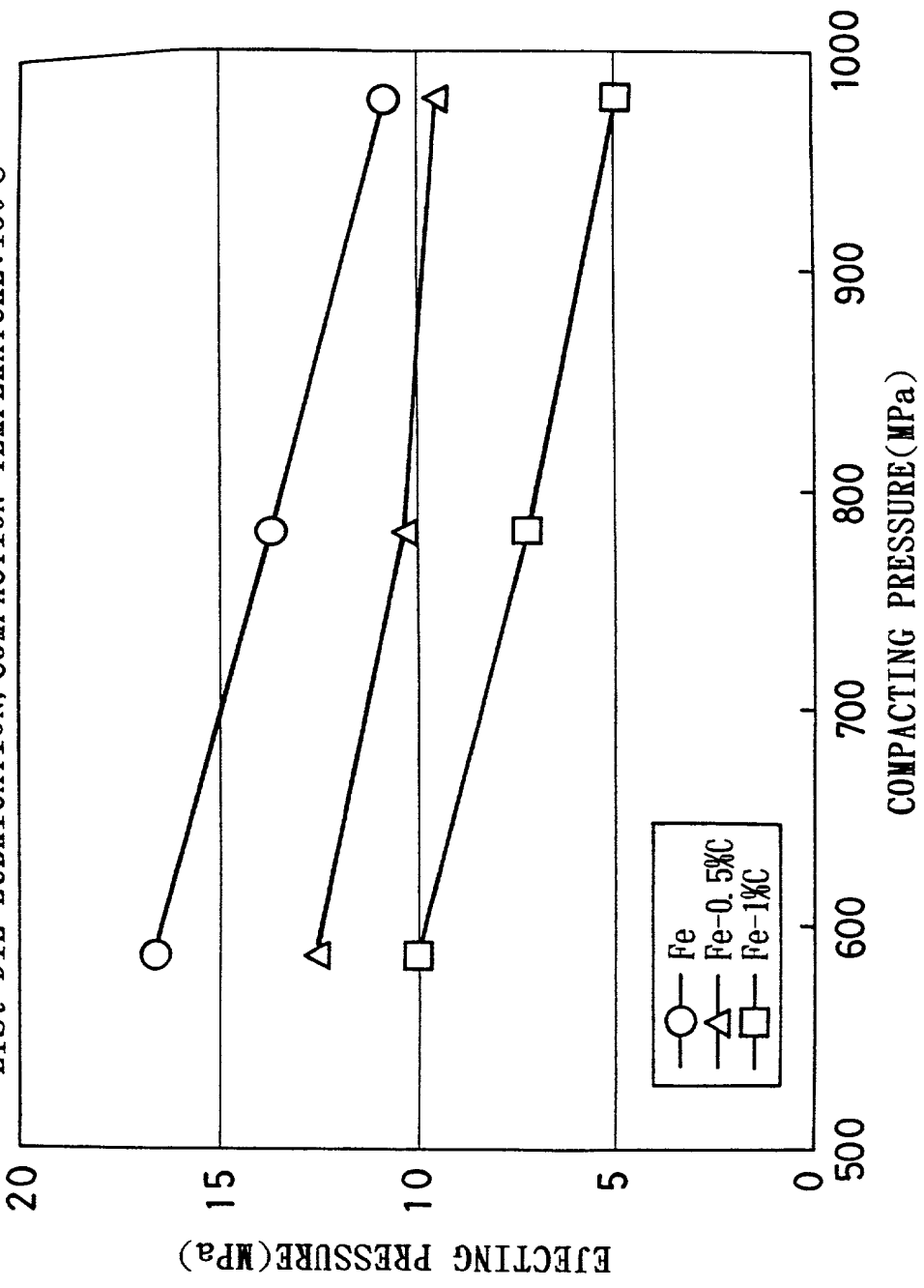




FIG. 12

LIST DIE LUBRICATION, COMPACTION TEMPERATURE: 150°C



1000 900 800 700 600 500 400 300 200 100 0

FIG. 13

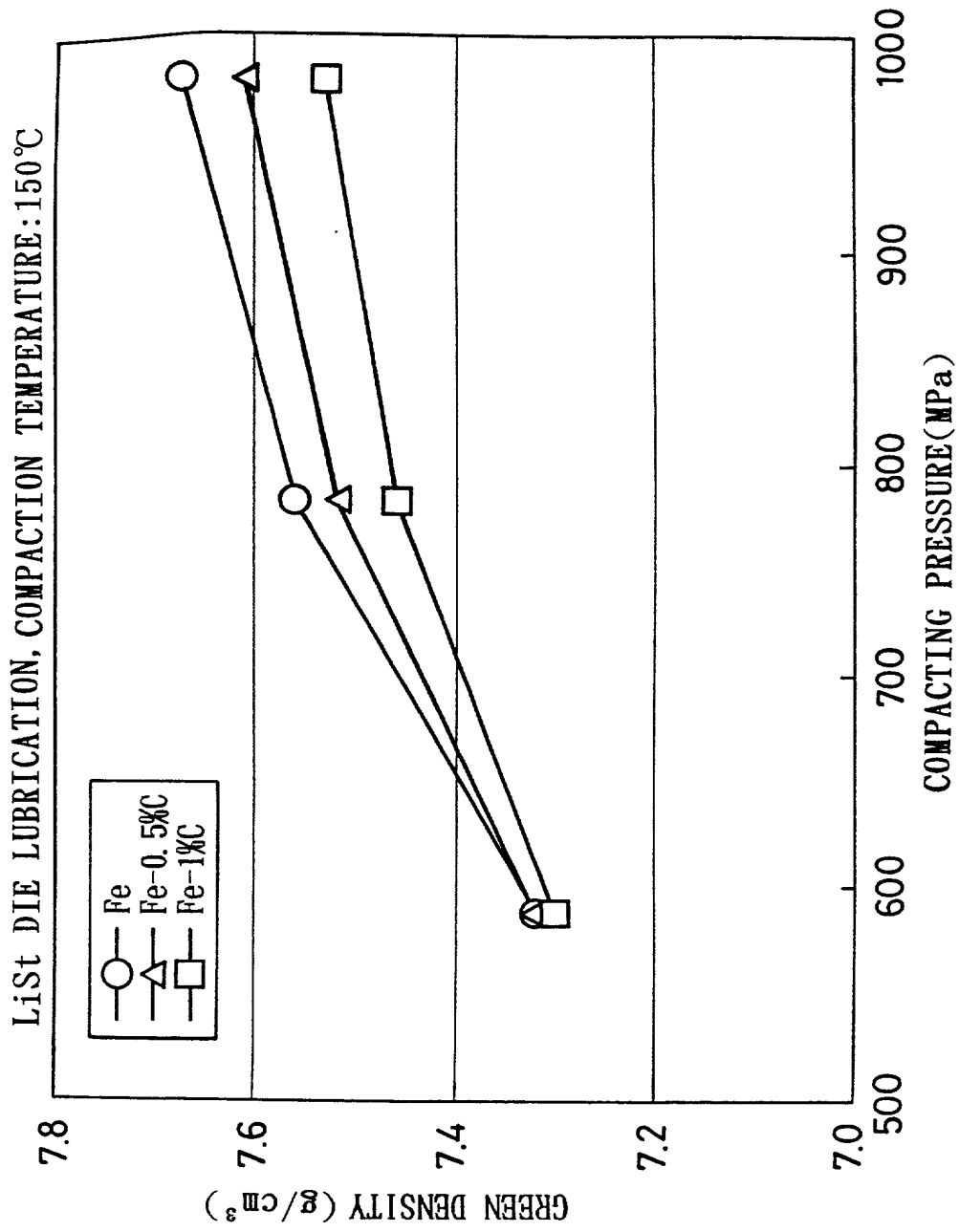
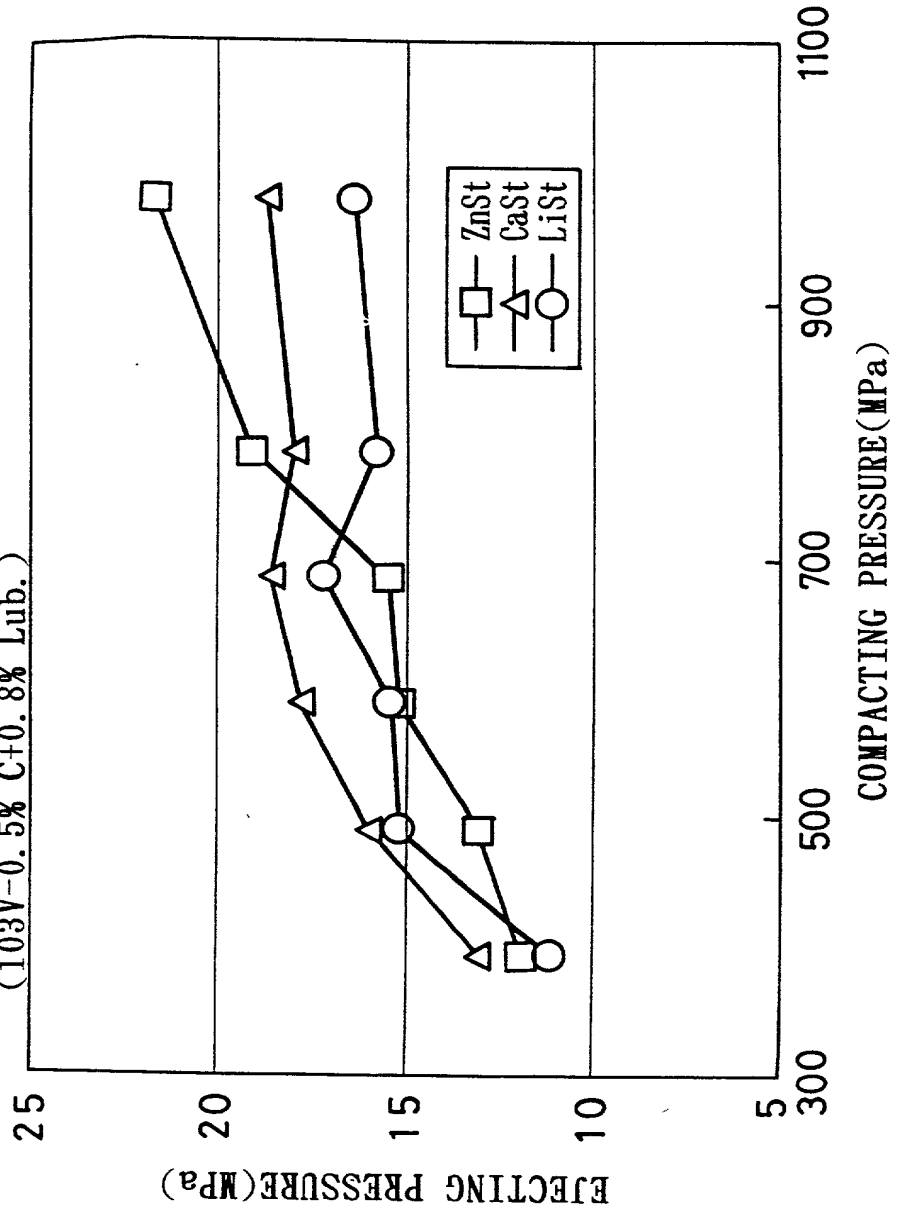


FIG. 14

FIG. 14

COMPACTION TEMPERATURE : ROOM TEMPERATURE  
(103V-0.5% C+0.8% Lub.)



103V-0.5% C+0.8% Lub.)

FIG. 15

COMPACTION TEMPERATURE : ROOM TEMPERATURE  
(103V-0.5% C+0.8% Lub.)

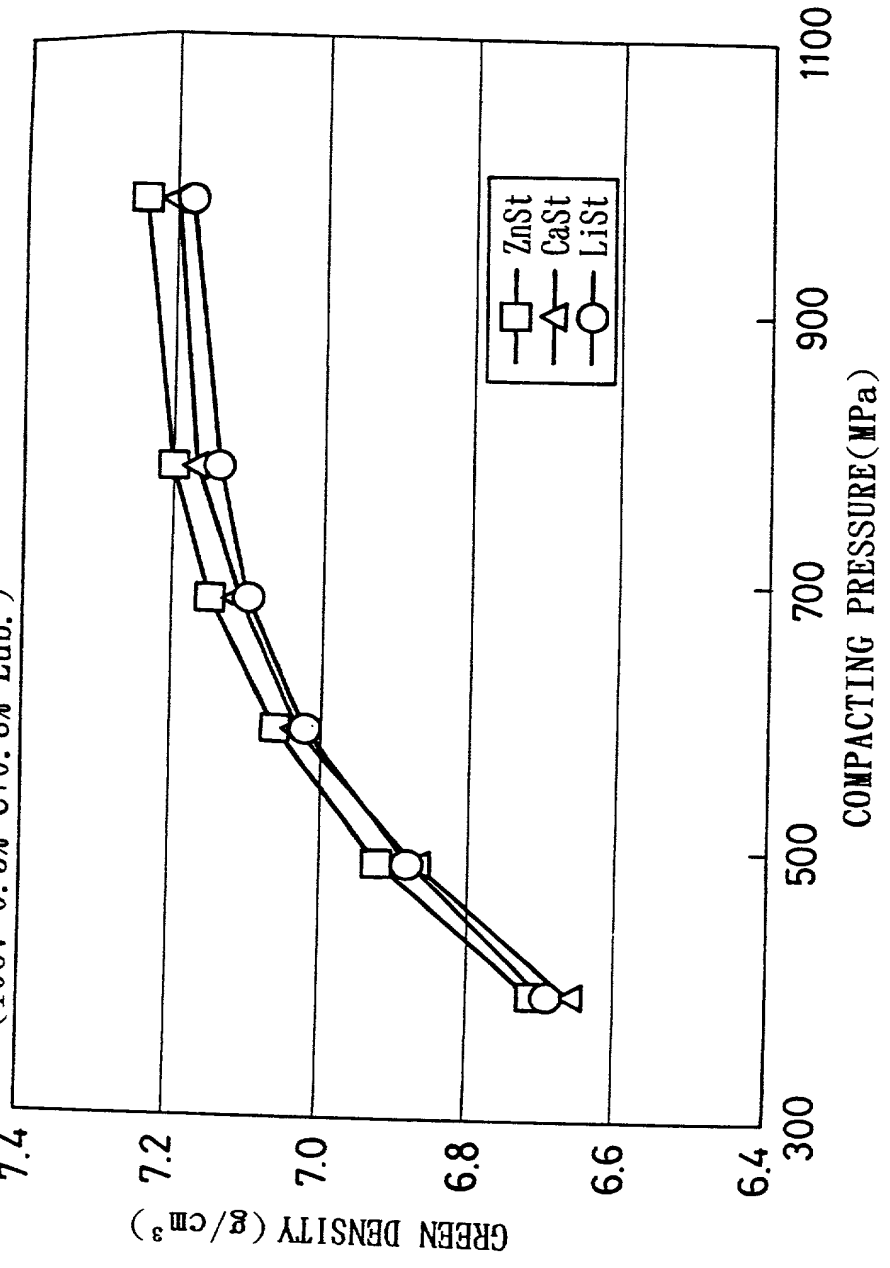


FIG. 16

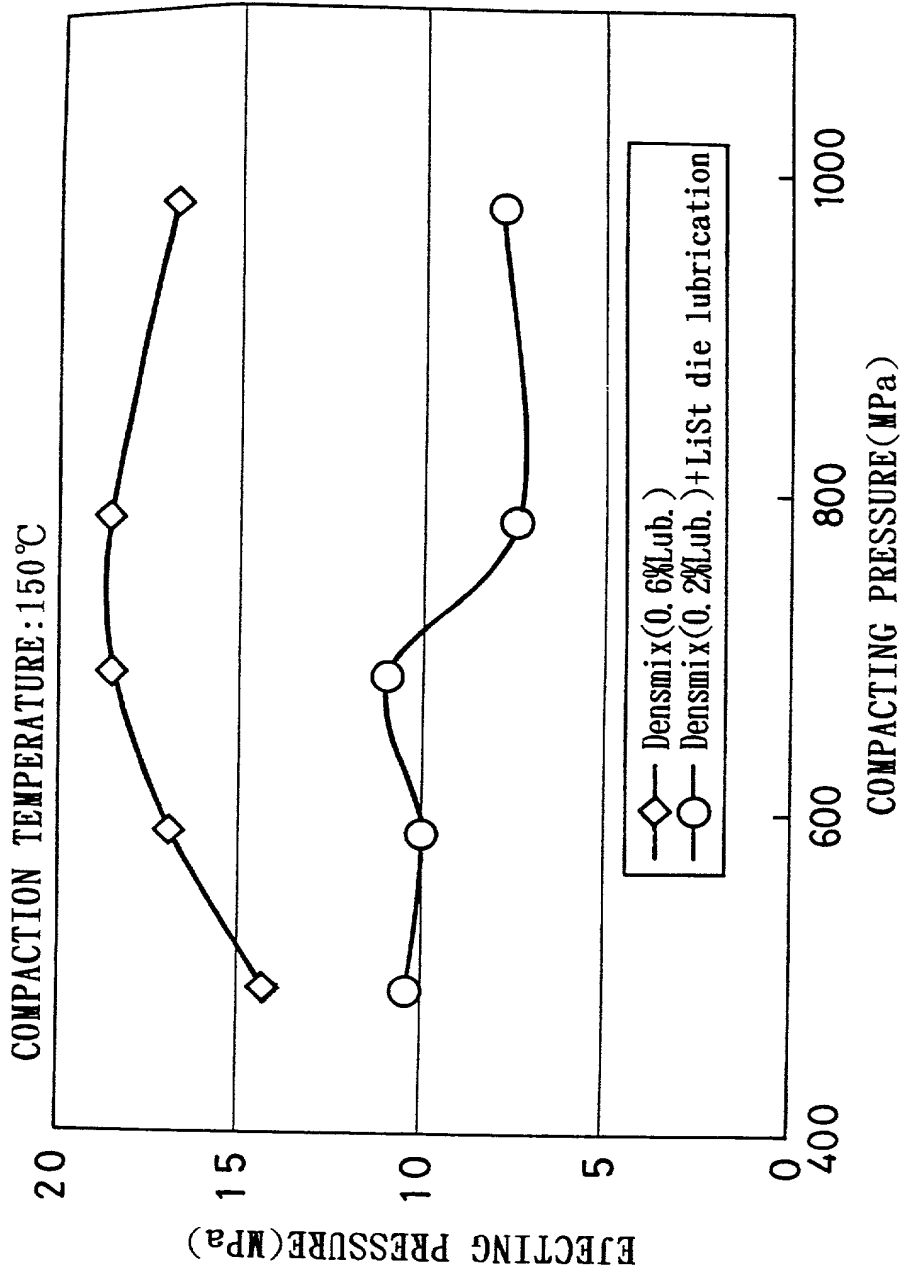
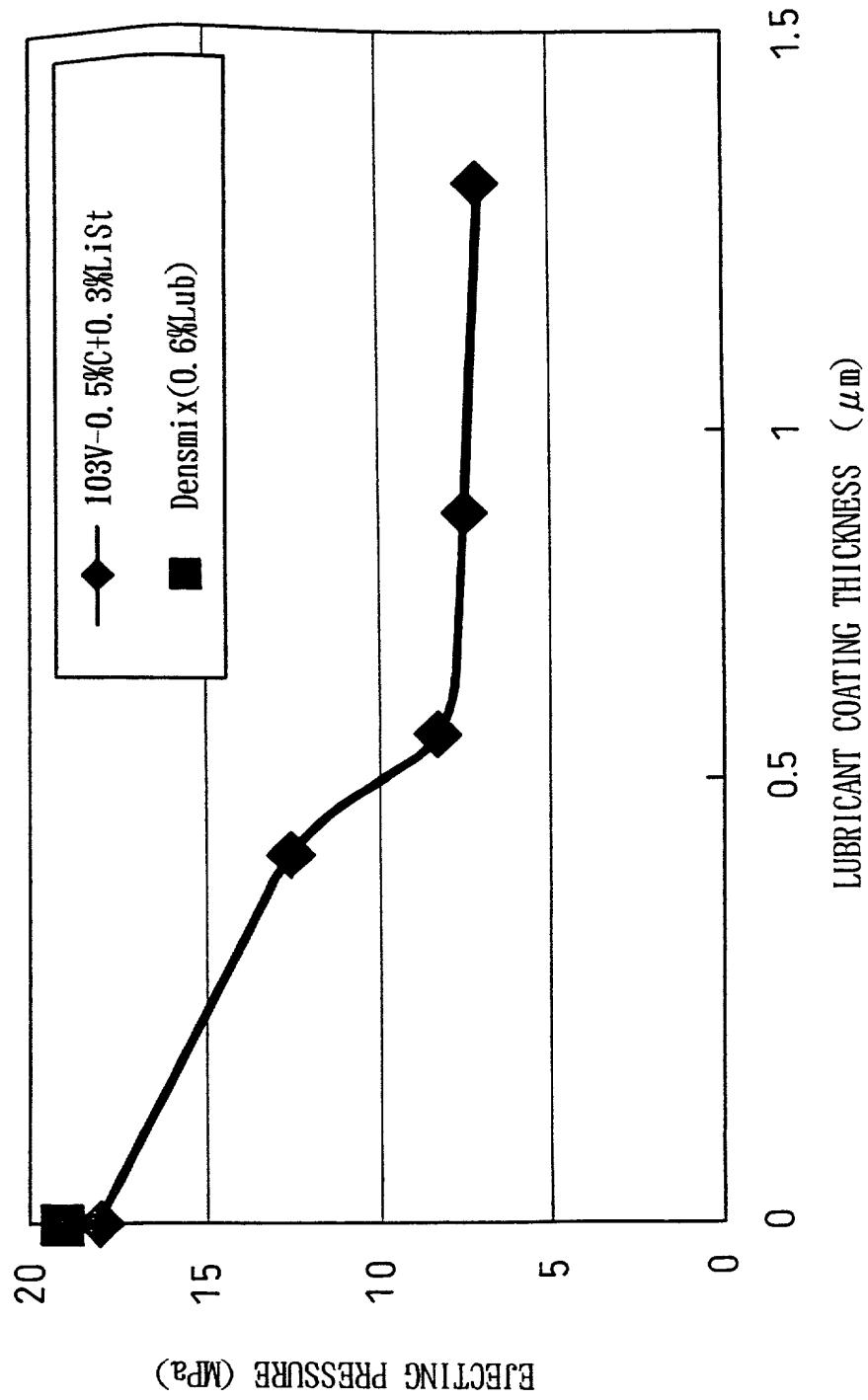


FIG. 17

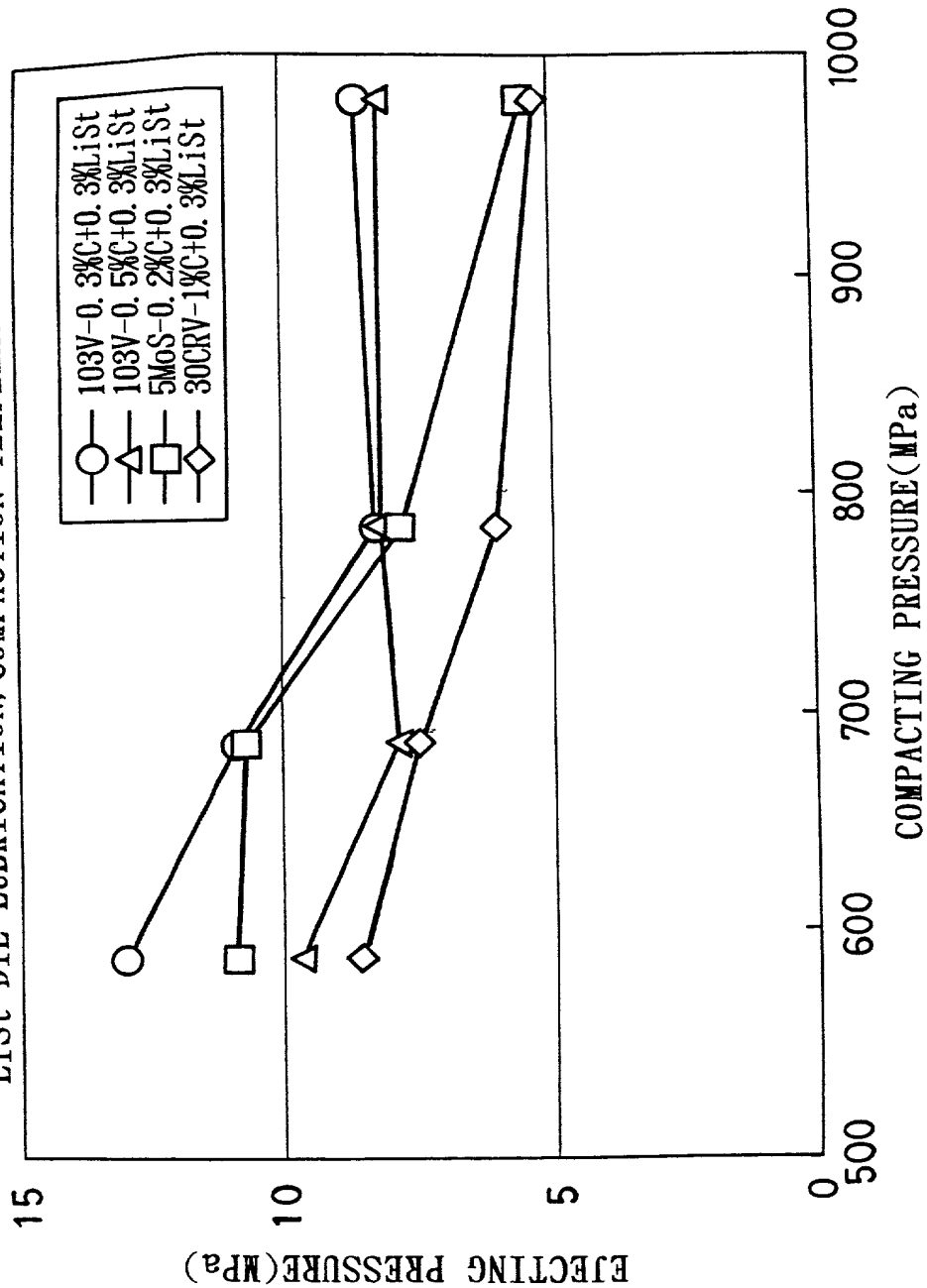
RELATIONSHIP BETWEEN LUBRICANT COATING THICKNESS  
AND EJECTING PRESSURE (150°C, 784MPa)



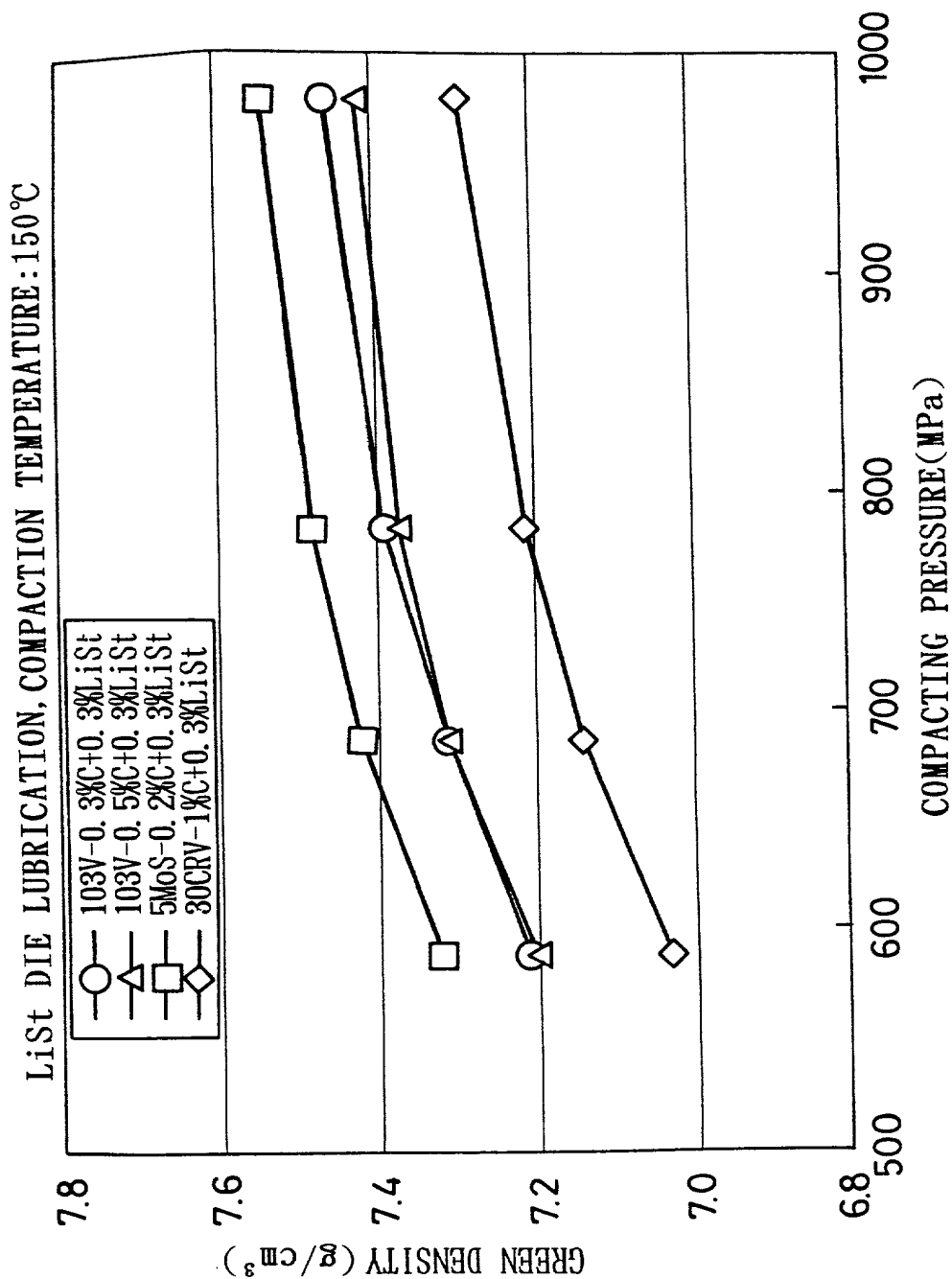


# FIG. 18

LiSt DIE LUBRICATION, COMPACTION TEMPERATURE: 150°C



# FIG. 19



1000 900 800 700 600 500 400 300 200 100 0

FIG. 20

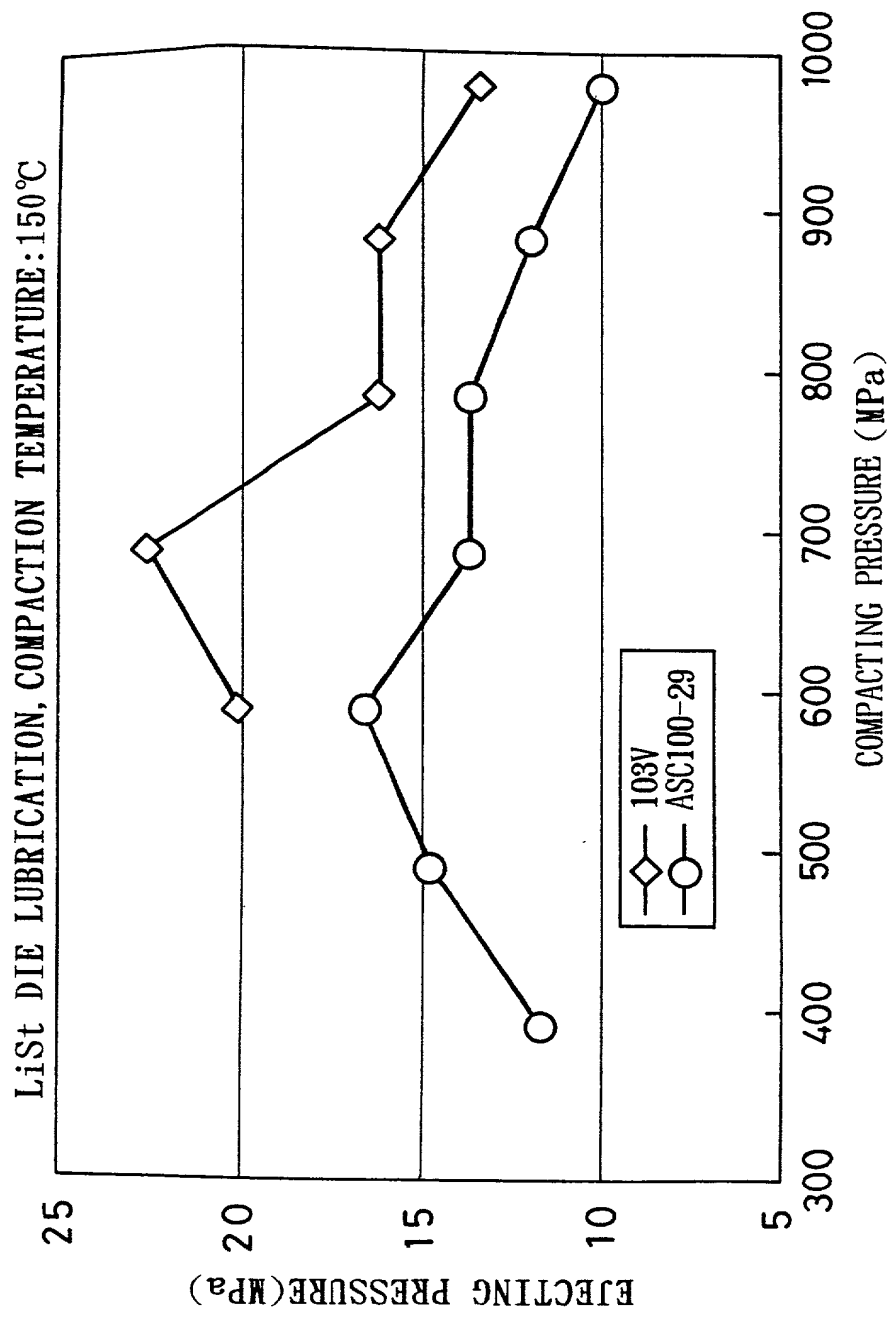


FIG. 21

